

1. Project Description:

The project is a complete web application for an education portal named “myunifinders.com.” MyUnifinders is education website for one stop solution which provides information regarding study abroad, entrance preparation, test & language preparations and all the information related to education industry (Like Colleges, Universities, Exam, News, Admission, Scholarship and many more). It shows the colleges & universities lists in the context of Nepal and abroad. It will compare colleges & universities and recommend the best institutions according to students’ budget and many more. All the information about colleges and universities will be displayed on the website. It will predict the college admission chances and ranks based on the historical data. It connects national and international students, recruitment partners and institutions across globe in a single platform. It will act as certification training provider and partner with education institutions and individuals to address their unique needs providing training and coaching that helps them to shape their career goals. It will provide online entrance, test & language preparation courses through our portal, proper counseling and advice to the students & parents, online courses training to students and associates, detail information about country wise and extensive search engine for the students, parents and education industry players who are seeking information regarding the higher education sector in Nepal and Abroad.

2. Project Requirements & Overview

The project is Education Portal based advance features of Content Management System (CMS) and Learning Management System (LMS). It will contain all about Education Industry with Information, Teaching & Learning environment to the end user. Pearl Organisation has assured to provide the following things in the web site:

All the Features & Functionality of the reference website developed till 2022 will be included in the final product. The reference websites are careers360.com, simplilearn.com & applyboard.com.

The technologies that will be used to develop the project are Reactjs, Nodejs & MongoDB.

The website should be fully responsive.

1 Year Unlimited Advance, User friendly, Attractive & latest Website Styling, Designing, Development, Securities & Maintenances.

Making the Website Search Engine Optimization friendly so that growth of website can be increased.

(*Note: Client (i.e. Pankaj Chaudhary/MyUnifinders) has full authority to claim for the features that are included in the reference website till date: 2022 September.)

2.1 General Overview

2.1.1 Content Management System

1. Courses

- Details
- Listing

2. Colleges & Universities

- Details
- Listing
- Applications – Search, Shortlist, Apply & Download

3. Exams

- Details
- Listing
- Predictor

4. Comparisons

- Courses
- Colleges
- Universities
- With Multiple Variations

5. QnA

- Discussion Form
- Individual Profile
- Rating, Replay, share and other

6. Counseling

- Proper Dedicated section for counseling student & parents
- Tests: Physiology Test, Aptitude Test and more like
- Counselor can provide report to the student & Parent

7. News – All about Education Industry

8. Blog section

9. Company Related Pages (About, Careers, Contact, Privacy, Policies & many more)

10. Resources like Book, PDF,

11. Governing Bodies & Council Details and listing

12. Ads - Manage Ads with all the things

13. Chat Box 14. Advance Search bar for within the website

15. Study Abroad

Dedicated section for study abroad

Country wise it's all details

Test Preparations – Listing & Details

List of College, University, Courses & it's comparisons

Individual login with dedicated dashboard

Separate features & dashboard for student, agent & Institutions

16. Payment Integration, API Integration

17. Login Panel for different users with basic security functionality like OTP, Email, MFA features

18. Super Admin & Admin Admin panel & Dashboard for all the required staff users

19. Login Panel Student, Teacher, Institute, Consultant, Admin...

20. 1 Premium SSL Certificate 21. Google Analytics Account + Google Tag + Facebook Pixel + 1 API Integration With Website

2.1.2 Learning Management System

Courses Types:

School & College Level courses

Training & Certifications Courses

Entrance & Test Preparations courses

LMS Features:

Dedicated section for student & teacher

Well managed dashboard with Statical report & record

With all learning sources like notes, images, audio, videos, slideshows, PDFs,
discussion and all

Unlimited Mock Test, Unlimited Practice, Quizzes

Auto generated Certificate after completion of course

Course registration and delivery

Tracking and analyzing user data

Performance-based tasks, e.g. skill gap analysis

Course administration

Communication between instructor and learner.

Automated alerts and notifications

Centralized learning materials
Flexible reporting and analytics
Assessment tools
Smart scheduling tools
Automation Features
Webinar integration
Configurable user roles & permissions
Reporting
Group Discussion
2.2 On Page Optimization:
Keyword and key topic research and selection
Website structure optimization
Content optimization
Image optimization
XML sitemap optimization
Title tag and meta description optimization
Google and Bing Webmaster Tools
URL structure optimization

Optimize Title Tags
Meta Tags Creation & Optimization
Alt-image tags
Google Analytics Installation.
Google Sitemaps Installation.
Yoast SEO
Imagify
CDN configuration